



State of Ohio Environmental Protection Agency

**Southwest District Office**

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George V. Voinovich  
Governor

October 4, 2000

Mr. Johnny Reising  
U.S. Department of Energy, Fernald Area Office  
P.O. Box 538705  
Cincinnati, OH 45253-8705

**RE: APPROVAL OF MODIFICATIONS TO OMMP**

Dear Mr. Reising:

This letter provides Ohio Environmental Protection Agency approval of the changes to the Operations and Maintenance Master Plan (OMMP) for the Aquifer Restoration and Wastewater Project as discussed in your letter DOE-1031-00. The OMMP currently calls for shutting down South Plume Optimization Wells (SPO) 6 and 7 when re-injection drops below 600 gallons per minute. The rationale for this strategy is to prevent the 20 part per billion uranium plume from further expansion beyond the FEMP property. We agree that knowledge gained since the Plan was written supports your contention that the plume expansion will not occur to a significant extent if the SPO wells are not turned off when re-injection falls below 800 gpm.

We will continue to track the status of re-injection system and plume migration. We reserve the right to ask DOE to demonstrate that plume expansion is not occurring if in the future re-injection should continue at low levels for an extended period of time. Such a

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3297


Mr. Johnny Reising  
October 4, 2000  
Page 2

demonstration could be made using data from the existing monitoring network.

If you have any questions, please contact Tom Ontko or me.

Sincerely,



 Thomas A. Schneider  
Fernald Project Manager  
Office of Federal Facilities Oversight

cc: Jim Saric, U.S. EPA  
Terry Hagen, FDF  
Mark Shupe, HSI GeoTrans  
Francie Hodge, Tetra Tech EM Inc.  
Ruth Vandergrift, ODH